CHAPTER 2 : INSTALLATION

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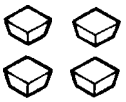
CHAPTER 2 : INSTALLATION

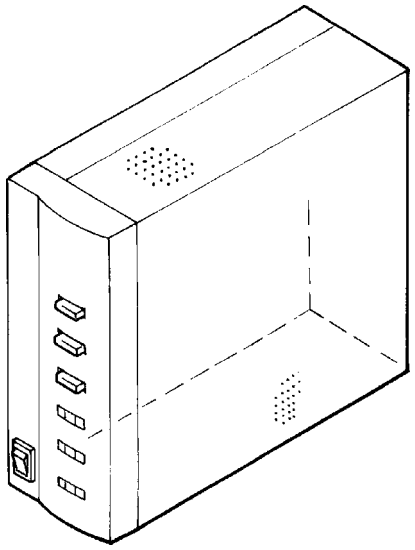
1. Checking Your SC5500 Package

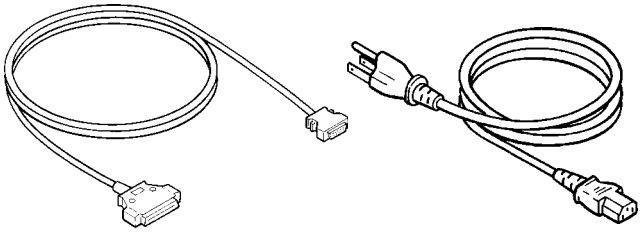
Check that your SC5500 package contains the SC5500 unit and the carton which should contain
the items mentioned below.

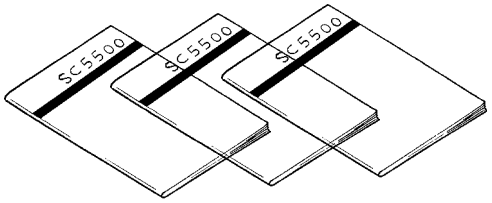
<Standard package>

- SC II cable (10m) 1pce
- Power cord 1pce
- User's guide 3copies
  - Control Box
  - Printer Driver for 5e
  - Network Interface Card
- CD-Rom 1pce
  - for PCL5e printer driver
- Rubber foot 4pcs.



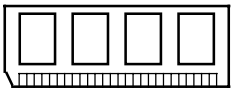


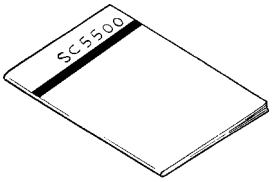




<Option>

- PS2 Board 1pce
- User's guide 1copy
  for PS2 printer driver
- CD-Rom 1pce
  for PS2 printer driver





[NOTE]

In addition to the SC5500 package contents the interface board corresponding to the Risograph model to be connected, i.e. GR or TR, is required separately.

2. Computer System Requirements

- **Windows platform**
  - IBM PC or compatible
    - > Centronics or IEEE1284 parallel port
    - > CD-Rom drive required for the software installation
    - > Hard disk with minimum 5.3MB free space for the SC5500 softwares
    - > Windows 3.1(w/DOS 6.xx or later) or Windows95 or Windows NT4.0 installed
- **Macintosh platform**
  - Apple Macintosh
    - > CD-Rom drive required for the software installation
    - > Hard disk with minimum 1MB free space for the SC5500 softwares
    - > Minimum 8MB Installed Memory (RAM)
    - > System7.1 or 7.X Mac OS installed
  - Apple Power Macintosh
    - > CD-Rom drive required for the software installation
    - > Hard disk with minimum 1MB free space for the SC5500 softwares
    - > Minimum 16MB Installed Memory (RAM)
    - > System7.1 or 7.X Mac OS installed

3. Risograph System Requirements

The SC5500 can be connected to the following Risograph models :
- All GR models which has video interface revision 5.xx
- All TR models which has video interface revision 5.xx

4. Preparing the Risograph

1. Turn off the Main power and unplug the power cord of the Risograph.
2. Remove the Back cover.
3. Install the corresponding Interface board into the Risograph, as instructed by the enclosed Installation guide.
4. Lead the wire harnesses packed in the Interface board carton inside the Risograph, as instructed by the enclosed Installation guide.
5. Replace the Back cover.

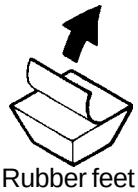
[Cautions]

Be careful not to damage the wire harnesses. Avoid wire harnesses from touching the sharp edges of the machine and the drive mechanism by binding the wire harnesses to the machine frames where necessary. Take care not to pinch the wire harnesses when placing the Back cover on the machine.

5. Preparing the SC5500

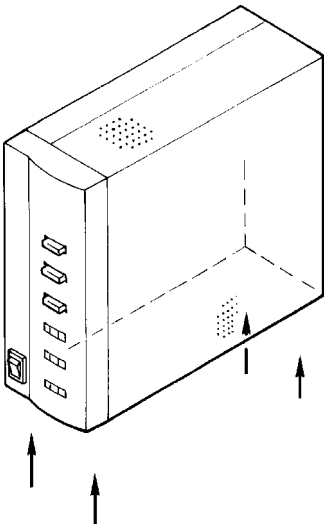
- Attaching Rubber Feet

Peel the sheets off the rubber feet (which come with the package) and attach them on the corresponding panel of the SC5500 according to its installation direction.

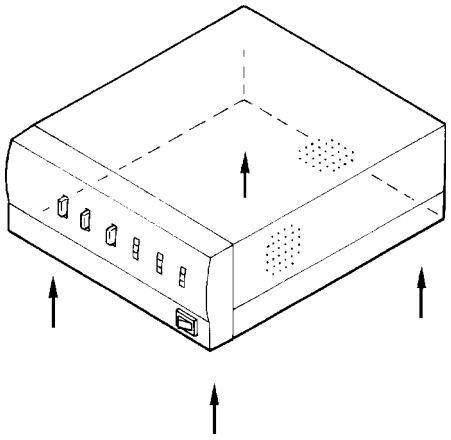


Rubber feet

Attachment position when installed upright



Attachment position when installed laid down



6. Expanding RAM / Adding optional PS2 SIMM module

6-1). RAM Expansion

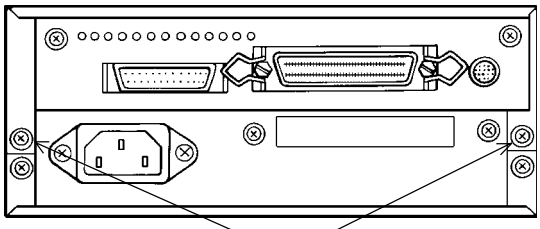
4 MB DRAM is installed as standard on the Main PCB in the SC5500. This memory space is used for developing the print data transmitted from the Personal Computer.
In standard 4MB memory, enough to print A3-size document (600dpi).
This RAM capacity can be expanded on the Main PCB (two slots available) in order to increase data amount received by SC5500 from the PC, so that total print job time will be shorten.

Expansion RAM	Using slot	Total RAM
None	None	4MB
8MB	1 slot	12MB
16MB (2X8MB)	2 slots	20MB

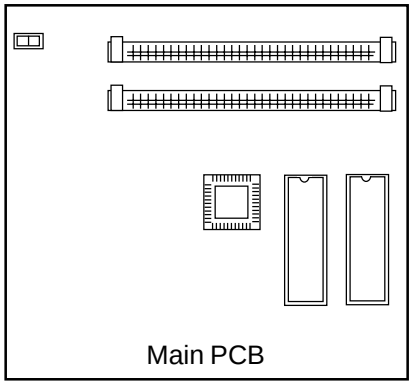
1. Turn off the power on the SC5500 and then

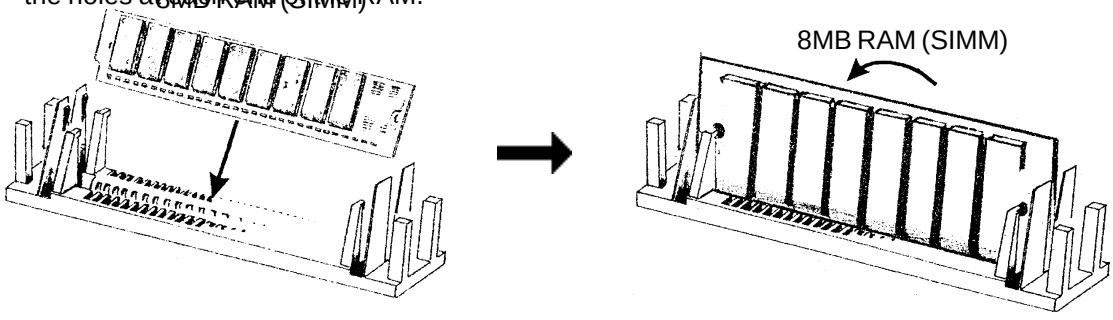
   unplug the power cord.

   If the SC5500 is already connected to other equipments, remove all connected cables.
2. Ground yourself and remove the Upper body cover from the SC5500 unit by removing the upper two screws on the rear panel and sliding the cover backwards.
3. Install the optional RAM (8MB) into empty slot on the Main PCB.
   To install a RAM, hold it at about 60 degree angle against its socket and press its edge connector firmly into the slot running through the center of the socket. Then pivot the SIMM up. You will hear a click as the plastic tabs at each end of the socket snap into place around the RAM and then the small retention pegs snap into the holes at each end of the RAM.



Remove these two screws.





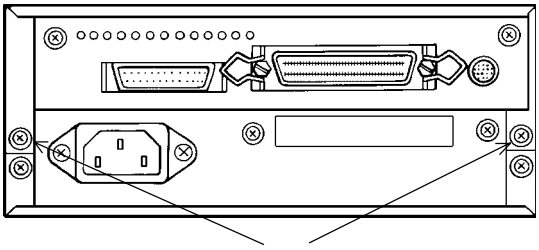
4. Replace the Upper body cover on the SC5500 unit.

Note: Please note to use only genuine 8MB RAM for SC5500 will be supplied by Riso Kagaku Corporation.

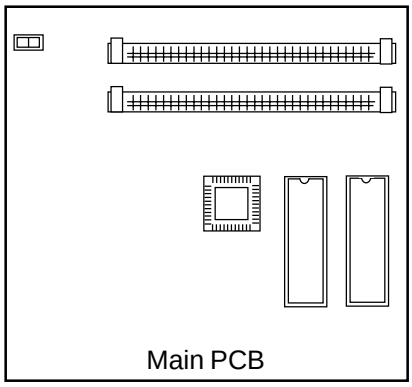
6-2). Adding optional PS2 SIMM module

To print by PS2 driver on the SC5500 unit, we must add optional PS2 SIMM module to the Main PCB. It is same slot will be used for the RAM expansion (Refer 2-4).

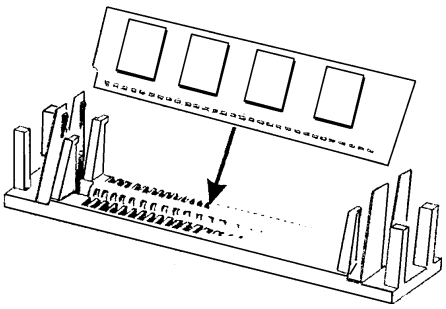
1. Turn off the power on the SC5500 and then unplug the power cord.
   If the SC5500 is already connected to other equipments, remove all connected cables.
2. Ground yourself and remove the Upper body cover from the SC5500 unit by removing the upper two screws on the rear panel and sliding the cover backwards.
3. Install the PS2 SIMM module into empty slot (whichever available) on the Main PCB.
   To install the PS2 SIMM module, hold it at about 60 degree angle against its socket and press its edge connector firmly into the slot running through the center of the socket. Then pivot the PS2 SIMM module up. You will hear a click as the plastic tabs at each end of the socket snap into place around the PS2 SIMM module and then the small retention pegs snap into the holes at each end of the PS2 SIMM module.



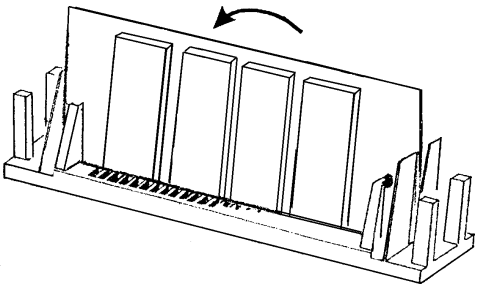
Remove these two screws.



PS2 SIMM module



PS2 SIMM module

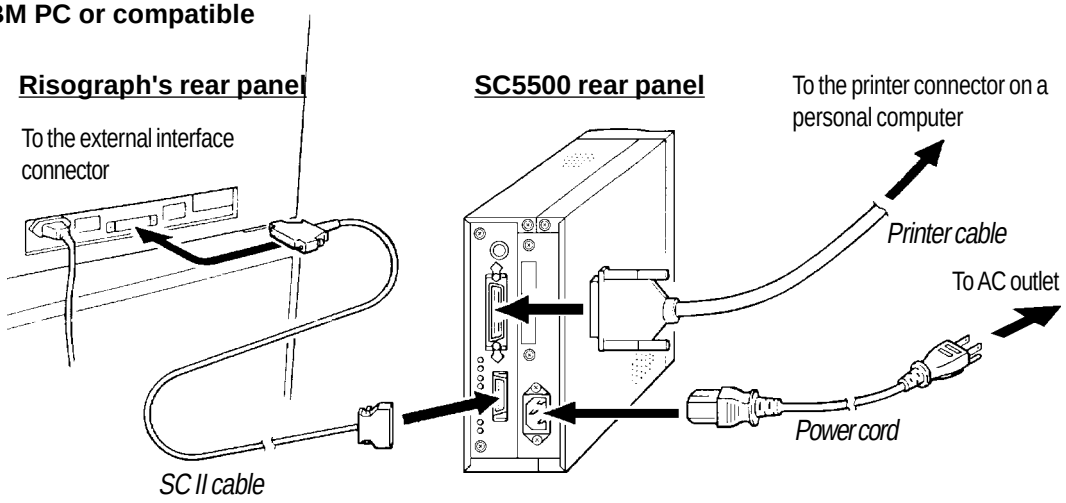


4. Replace the Upper body cover on the SC5500 unit.

7. Connecting the Cables

Connect the cables of the SC5500 properly while referring to the figure shown below. Be sure to turn off the personal computer, SC5500, and the Risograph when connecting the cables.

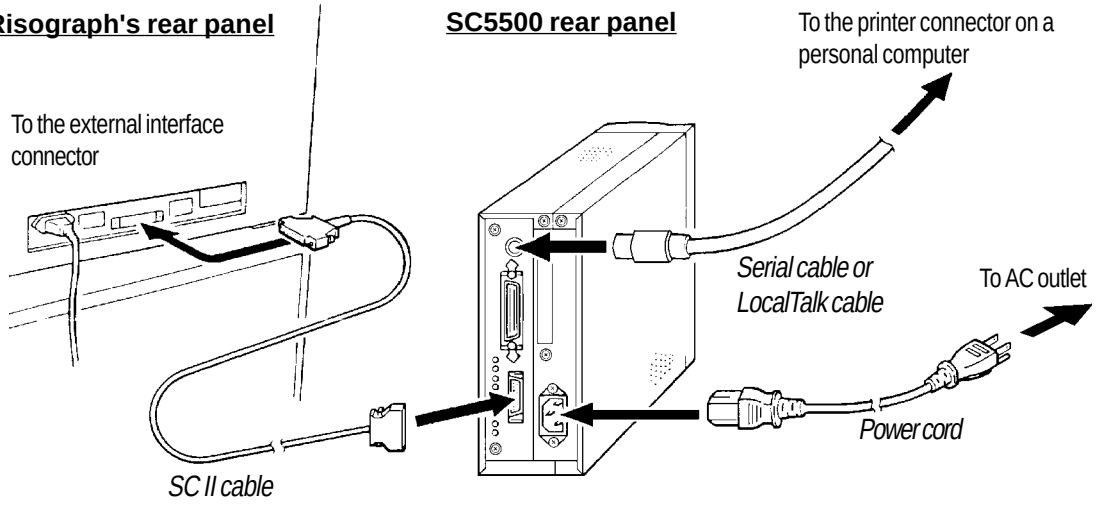
- With IBM PC or compatible



[NOTE]

Purchase a commercially available printer cable for connecting between the SC5500 and the personal computer.

- With Apple Macintosh or compatible


Risograph's rear panel
SC5500 rear panel
To the printer connector on a personal computer
To the external interface connector
Serial cable or LocalTalk cable
To AC outlet
Power cord
SC II cable

[NOTE]

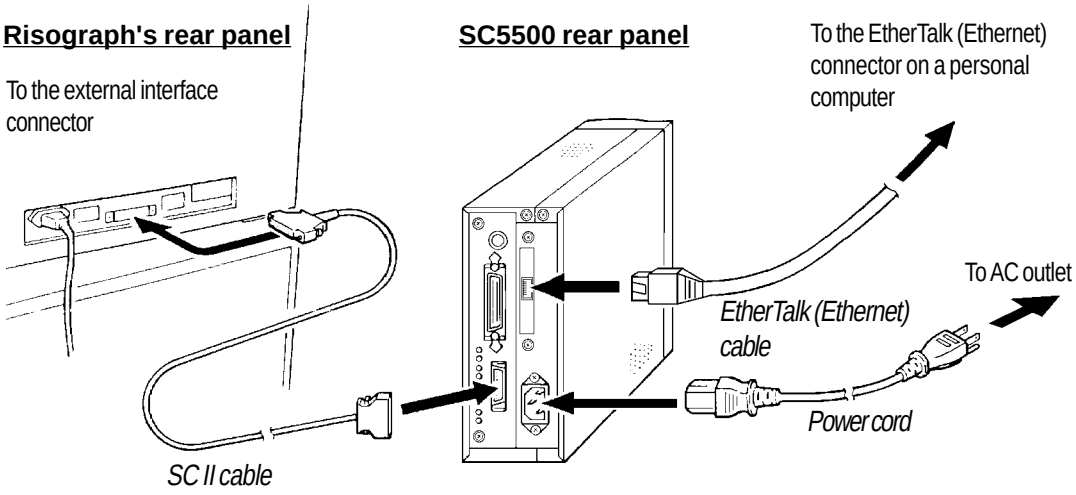
Purchase a commercially available serial cable or LocalTalk cable for connecting between the SC5500 and the personal computer.

If the printer port on the Macintosh is already occupied with the LocalTalk cable, use the LocalTalk network for cable connection or connect the printer cable to the modem port.

Use **serial cable** to print through Mac QuickDraw driver

Use **LocalTalk cable** to print through optional PS2 driver (PPD)

- With EtherTalk (Ethernet) cable



[NOTE]

Purchase a commercially available EtherTalk (Ethernet) cable for connecting between the SC5500 and the personal computer.